

L Number	Hits	Search Text	DB	Time stamp
1	26	((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) same ((tantalum tungsten titanium) adj nitride)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/04 11:12
2	24	((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) same ((tantalum tungsten titanium) adj nitride)) and @ad<20010816	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/04 11:13
-	5706	semiconductor and precursor and reduc\$3 and metal	USPAT; EPO; JPO; DERWENT	2003/03/26 11:45
-	2588	(semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)	USPAT; EPO; JPO; DERWENT	2002/03/22 09:36
-	1296	((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidis\$6	USPAT; EPO; JPO; DERWENT	2002/03/22 09:37
-	985	((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidis\$6) and (titanium or tantalum or tungsten)	USPAT; EPO; JPO; DERWENT	2002/03/22 09:39
-	292	((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidis\$6) and (titanium or tantalum or tungsten)) and capacitor	USPAT; EPO; JPO; DERWENT	2002/03/22 09:40
-	216	((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidis\$6) and (titanium or tantalum or tungsten)) and capacitor) and (metallo-organic or organic)	USPAT; EPO; JPO; DERWENT	2002/03/22 09:44
-	136	((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidis\$6) and (titanium or tantalum or tungsten)) and capacitor) and (metallo-organic or organic)) and carbon	USPAT; EPO; JPO; DERWENT	2002/03/22 09:58
-	108	((semiconductor and precursor and reduc\$3 and metal) and (ruthenium rhodium iridium cobalt palladium platinum nickel)) and oxidis\$6) and (titanium or tantalum or tungsten)) and capacitor) and (metallo-organic or organic)) and carbon) and electrode	USPAT; EPO; JPO; DERWENT	2002/03/22 09:59
-	686	(metal\$2 adj organic) with precursor\$1	USPAT; JPO; DERWENT	2002/05/08 08:58
-	730	(metal\$2 adj organic) with precursor\$1	USPAT; EPO; JPO; DERWENT	2002/05/08 08:58
-	8627	reduc\$3 near3 (atmosphere or ambient)	USPAT; EPO; JPO; DERWENT	2002/05/08 09:00
-	45030	reduc\$3 near3 (atmosphere or ambient)	USPAT; EPO; JPO; DERWENT	2002/05/08 09:00
-	7	((metal\$2 adj organic) with precursor\$1) same (reduc\$3 near3 (atmosphere or ambient))	USPAT; EPO; JPO; DERWENT	2002/05/08 09:09
-	142	438/686.ccls.	USPAT; EPO; JPO; DERWENT	2002/05/08 09:10

-	3	reduc\$3 and (metal\$2 adj precursor)	USPAT; EPO; JPO; DERWENT	2002/05/08 09:26
-	1880	reduc\$3 and (metal\$2 adj organic) and precursor	USPAT; EPO; JPO; DERWENT	2002/05/08 10:58
-	12	438/686.ccls. and (reduc\$3 and (metal\$2 adj organic) and precursor)	USPAT; EPO; JPO; DERWENT	2002/05/08 09:27
-	30248	(reduc\$3 or ammonia or nh3) and ((metal\$2 adj organic) or organometallic or metallo-organic)	USPAT; EPO; JPO; DERWENT	2002/05/08 11:01
-	6892	(reduc\$3 or ammonia or nh3) same ((metal\$2 adj organic) or organometallic or metallo-organic)	USPAT; EPO; JPO; DERWENT	2002/05/08 11:02
-	4008	((reduc\$3 or ammonia or nh3) same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)	USPAT; EPO; JPO; DERWENT	2002/05/08 11:03
-	1768	((((reduc\$3 or ammonia or nh3) same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel)	USPAT; EPO; JPO; DERWENT	2002/05/08 11:05
-	3	438/686.ccls. and (((reduc\$3 or ammonia or nh3) same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel))	USPAT; EPO; JPO; DERWENT	2003/03/26 12:01
-	104491	438/\$3.ccls.	USPAT; EPO; JPO; DERWENT	2002/05/08 11:10
-	56	(((((reduc\$3 or ammonia or nh3) same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel)) and 438/\$3.ccls.	USPAT; EPO; JPO; DERWENT	2002/05/08 11:10
-	33	"5178911"	USPAT; JPO; DERWENT	2002/05/08 14:56
-	548	mocvd with (reduc\$3 or h2 or hydrogen or nh3 or ammonia)	USPAT; JPO; DERWENT	2002/05/08 14:34
-	144	438/\$3.ccls. and (mocvd with (reduc\$3 or h2 or hydrogen or nh3 or ammonia))	USPAT; JPO; DERWENT	2002/05/08 14:36
-	13	(438/\$3.ccls. and (mocvd with (reduc\$3 or h2 or hydrogen or nh3 or ammonia))) and (refractory or noble)	USPAT; JPO; DERWENT	2002/05/08 14:47
-	27	"5480684"	USPAT; JPO; DERWENT	2002/05/08 14:47
-	1207	westmoreland	USPAT; JPO; DERWENT	2002/05/08 14:56
-	477	(nickel or ni) and (iridium or ir) and (cobalt or co) and (palladium or pd) and (platinum or pt) and capacitor	USPAT; EPO; JPO; DERWENT	2002/05/15 10:00
-	111	((nickel or ni) and (iridium or ir) and (cobalt or co) and (palladium or pd) and (platinum or pt) and capacitor) and 438/\$3.ccls. and @ad<20010816	USPAT; EPO; JPO; DERWENT	2002/05/15 10:21
-	259	(nickel or ni) same (iridium or ir) same (cobalt or co) same (palladium or pd) same (platinum or pt) and capacitor	USPAT; EPO; JPO; DERWENT	2002/05/15 11:31

-	75	((nickel or ni) same (iridium or ir) same (cobalt or co) same (palladium or pd) same (platinum or pt) and capacitor) and 438/\$3.ccls. and @ad<20010816	USPAT; EPO; JPO; DERWENT	2002/05/15 13:04
-	84	(nickel or ni) same (iridium or ir) same (cobalt or co) same (palladium or pd) same (platinum or pt) same electrode and capacitor	USPAT; EPO; JPO; DERWENT	2002/05/15 11:35
-	32	((nickel or ni) same (iridium or ir) same (cobalt or co) same (palladium or pd) same (platinum or pt) same electrode and capacitor) and 438/\$3.ccls. and @ad<20010816	USPAT; EPO; JPO; DERWENT	2002/05/15 13:05
-	14	"6074945"	USPAT; EPO; JPO; DERWENT	2002/10/07 18:02
-	12	("5130172" "5314727" "5352488" "5372849" "5392189" "5510651" "5520992" "5555486" "5561307" "5566045" "5581436" "5763633").PN.	USPAT	2002/10/07 16:23
-	12	("5130172" "5314727" "5352488" "5372849" "5392189" "5510651" "5520992" "5555486" "5561307" "5566045" "5581436" "5763633").PN.	USPAT	2002/10/07 16:32
-	11	6074945.URPN.	USPAT	2002/10/07 17:33
-	142	(reducing with atmosphere) and ((metal or metallo) with organic with precursor)	USPAT; EPO; JPO; DERWENT	2002/10/07 18:03
-	88	((reducing with atmosphere) and ((metal or metallo) with organic with precursor)) and (rhodium or iridium or cobalt or palladium or nickel)	USPAT; EPO; JPO; DERWENT	2002/10/07 18:35
-	88	((reducing with atmosphere) and ((metal or metallo) with organic with precursor)) and (rhodium or iridium or cobalt or palladium or nickel)) not (micron adj technology).asn.	USPAT; EPO; JPO; DERWENT	2002/10/08 13:16
-	20	((reducing with atmosphere) and ((metal or metallo) with organic with precursor)) and iridium	USPAT; EPO; JPO; DERWENT	2002/10/07 18:35
-	204	(metal with precursor\$1) and (reducing with atmosphere) and (ti or tan or ta or wn or w) and barrier	USPAT; EPO; JPO; DERWENT	2002/10/08 13:19
-	129	((metal with precursor\$1) and (reducing with atmosphere) and (ti or tan or ta or wn or w) and barrier) and (rhodium or iridium or palladium or cobalt)	USPAT; EPO; JPO; DERWENT	2002/10/08 13:20
-	76	((metal with precursor\$1) and (reducing with atmosphere) and (ti or tan or ta or wn or w) and barrier) and (rhodium or iridium or palladium or cobalt)) and (hydrogen or "h.sub.2")	USPAT; EPO; JPO; DERWENT	2002/10/08 13:21
-	75	((metal with precursor\$1) and (reducing with atmosphere) and (ti or tan or ta or wn or w) and barrier) and (rhodium or iridium or palladium or cobalt)) and (hydrogen or "h.sub.2")) and @ad<20010816	USPAT; EPO; JPO; DERWENT	2002/10/08 13:22
-	4	((metal with precursor\$1) and (reducing with atmosphere) and (ti or tan or ta or wn or w) and barrier) and (rhodium or iridium or palladium or cobalt)) and (hydrogen or "h.sub.2")) and @ad<20010816	USPAT; EPO; JPO; DERWENT	2002/10/08 13:22
-	7	reducing same (tdeat or tdmatt) same metal	USPAT; EPO; JPO; DERWENT	2002/10/08 14:01
-	23740	((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))	USPAT; EPO; JPO; DERWENT	2002/10/31 11:17

-	0	((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) and ("h.sub.2" or hydrogen) and metallo?lorganic	USPAT; EPO; JPO; DERWENT	2002/10/31 11:18
-	11630	((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) and ("h.sub.2" or hydrogen)	USPAT; EPO; JPO; DERWENT	2002/10/31 11:22
-	2002178	((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)	USPAT; EPO; JPO; DERWENT	2002/11/01 13:34
-	5644	((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) and ("h.sub.2" or hydrogen) and ((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta)	USPAT; EPO; JPO; DERWENT	2002/10/31 11:22
-	7451	((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen)	USPAT; EPO; JPO; DERWENT	2002/10/31 11:26
-	3503	((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta) and ((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen)	USPAT; EPO; JPO; DERWENT	2002/10/31 11:22
-	449	((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta) same ((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen)	USPAT; EPO; JPO; DERWENT	2002/10/31 11:23
-	271	((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta) same ((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen)) not (platinum or pt)	USPAT; EPO; JPO; DERWENT	2002/10/31 11:24
-	5	((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta) same ((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen)) not (platinum or pt) and 438/\$3.ccls.	USPAT; EPO; JPO; DERWENT	2002/10/31 11:24
-	821	((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen) same (deposit\$3 or releas\$3)	USPAT; EPO; JPO; DERWENT	2002/10/31 11:27
-	98	((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta) same ((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen) same (deposit\$3 or releas\$3)	USPAT; EPO; JPO; DERWENT	2002/10/31 13:51

-	11	("3830657" "5084413" "5087296" "5094697" "5112773" "5177569" "5198389" "5254481" "5445982" "5554566" "5705845").PN.	USPAT	2002/10/31 11:56
-	0	((("3830657" "5084413" "5087296" "5094697" "5112773" "5177569" "5198389" "5254481" "5445982" "5554566" "5705845").PN.) and (((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere))) same ("h.sub.2" or hydrogen) same (deposit\$3 or releas\$3))	USPAT; EPO; JPO; DERWENT	2002/10/31 11:57
-	7	((("3830657" "5084413" "5087296" "5094697" "5112773" "5177569" "5198389" "5254481" "5445982" "5554566" "5705845").PN.) and (((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta))	USPAT; EPO; JPO; DERWENT	2002/10/31 11:58
-	0	((("3830657" "5084413" "5087296" "5094697" "5112773" "5177569" "5198389" "5254481" "5445982" "5554566" "5705845").PN.) and (((rhodium or rh) or (iridium or ir) or (cobalt or co) or (palladium or pd) or (nickel or ni)) same (reduc\$3 with (gas or atmosphere)))	USPAT; EPO; JPO; DERWENT	2002/10/31 11:58
-	2	5668040.pn.	USPAT; EPO; JPO; DERWENT	2002/10/31 13:51
-	11	("4959745" "5053917" "5191510" "5262920" "5293510" "5352623" "5366920" "5381302" "5382817" "5392189" "5466629").PN.	USPAT	2002/10/31 13:52
-	2	5856236.pn.	USPAT; EPO; JPO; DERWENT	2002/11/01 13:20
-	11	("h.sub.2" or hydrogen) same (metallo near2 organic) same (((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta))	USPAT; EPO; JPO; DERWENT	2002/11/01 13:38
-	12	(ir or rh or pd or ni or co) same (metallo near2 organic) same (((titanium adj nitride) or titanium) or ((tungsten adj nitride) or w) or ((tantalum adj nitride) or ta))	USPAT; EPO; JPO; DERWENT	2002/11/01 13:39
-	2	5130172.pn.	USPAT; EPO; JPO; DERWENT	2002/12/10 15:58
-	2	5856236.pn.	USPAT; EPO; JPO; DERWENT	2002/12/10 15:58
-	3387	@ad<20010816 and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 17:15
-	9	@ad<20010816 and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel))) and 438/681.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/26 12:58

-	41	(@ad<20010816 and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) and (refractory or ti or tin or wn or w or tan or ta)) and (ruthenium or rhodium or iridium or cobalt or palladium or nickel))) and ((etch\$3 or pattern\$3 or photolithography) with (organometallic or (metal\$2 adj organic)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/26 13:06
-	333	@ad<20010816 and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same (refractory or ti or tin or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or nickel))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 17:47
-	3	(@ad<20010816 and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same (refractory or ti or tin or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or nickel))) and electrode and capacitor	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 17:31
-	31	(@ad<20010816 and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same (refractory or ti or tin or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or nickel))) and electrode	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 17:34
-	90	@ad<20010816 and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same (refractory or ti or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or nickel))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 17:45
-	17	(@ad<20010816 and (((reduc\$3 or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") same ((metal\$2 adj organic) or organometallic or metallo-organic)) same (refractory or ti or wn or w or tan or ta)) same (ruthenium or rhodium or iridium or cobalt or palladium or nickel))) and electrode	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 17:34
-	257	((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 17:46
-	218	((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) and . @ad<20010816	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 17:48
-	47	((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) same (refractory or ti or wn or w or tan or ta)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 18:37
-	42	((reduc\$3 adj atmosphere) or ammonia or "nh.sub.3" or hydrogen or "h.sub.2") with ((metal\$2 adj organic) or organometallic or metallo-organic) with precursor) same (refractory or ti or wn or w or tan or ta)) and @ad<20010816	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/01 17:48